

characters matched.

- 23. [cancelled]
- 24. [cancelled]
- 25. [cancelled]
- 26. [cancelled]
- 27. [cancelled]
- 28. [cancelled]

REMARKS

This is a response to an Office Action mailed May 7, 2002 (Office Action). The Office Action has been reviewed, and in view of the foregoing amendments and following comments, reconsideration and allowance of all of the claims pending in the application are respectfully requested.

Attached to this Response is Appendix A, which represents the marked-up version of claims 1, 8, 15, and 22.

Status of the Claims

Claims 3-7, 10-14, 17-21, and 24-28 have been cancelled without prejudice and disclaimer. Therefore claims 1, 8, 15, and 22 are pending. Claims 1, 8, 15, and 22 are objected to. Claims 1, 8, 15, and 22 stand rejected under 35 U.S.C. § 112 as allegedly being indefinite and failing to distinctly point out the

subject matter in the claims. Claims 1, 8, 15, and 22 stand rejected under 35 U.S.C. 103 (a) as allegedly being unpatentable over a U.S. Patent Number 5,548,507 issued to Martino et al. ("Martino") in view of U.S. Patent Number 6,157,905 issued to Powell ("Powell").

Non-Statutory Double Patenting Rejections

Claims 1, 8, 15, and 22 stand provisionally rejected under the judicially created doctrine of obviousness-type double patenting. Applicants respectfully traverse. However, in an effort to advance prosecution, applicants respectfully submit that a proper terminal disclaimer will be executed, if necessary, upon the indication that the claims are otherwise allowable.

Rejection Under 35 U.S.C. §112

Claims 1, 8, 15, and 22 stand rejected under 35 U.S.C. 112 as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter. Claims 1, 8, 15, and 22 are amended to distinctly claim predetermined candidate character sets. Therefore applicants respectfully request that the rejection of the claims 1, 8, 15, and 22 under 35 U.S.C. § 112 be withdrawn.

Rejection Under 35 U.S.C. §103(a)

Claims 1, 8, 15, and 22 stand rejected under 35 U.S.C. 103 (a) as allegedly being unpatentable over Martino in view of Powell. Applicants respectfully traverse. In an effort to advance prosecution, however, applicants have amended independent claims 1, 8, 15, and 22. The independent claim 1 has been amended to recite the features of comparing each of the characters of the message by testing the ability of each candidate character set to express that character by performing a logical mask between a universal code for that

character and an indicator in the character table bank indicating whether each of the candidate character sets contains that character, computing a total number of characters matched to each of the candidate character sets by applying a weighting factor to the total number of characters matched, and selecting a best match between the message and the plurality of pre-determined candidate character sets by identifying the candidate character set corresponding to a pre-determined value for the weighting factor. At least these features are not suggested or disclosed in any of Martino, Powell or their combination.

Independent claims 8, 15, and 22 have been amended to recite similar features to the above quoted features recited in claim 1. Therefore, Applicants respectfully request that independent claims 1, 8, 15, and 22 are allowable for at least the foregoing reasons.

CONCLUSION

Applicant respectfully submits that this application is in condition for allowance and such disposition is earnestly solicited. If the Examiner believes that a telephone conference or interview would advance prosecution of this application in any manner, the undersigned stands ready to conduct such a conference at the convenience of the Examiner.

It is believed that no other fees are due in connection with filing this Response. In the event that it is determined that fees are due, however, the Commissioner is hereby authorized to charge the undersigned's Deposit Account No. 50-0311.

Respectfully submitted,

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Dated: August 7, 2002

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APPENDIX A – VERSION WITH MARKINGS TO SHOW CHANGES

MADE IN THE CLAIMS:



(TWICE AMENDED) A method of evaluating characters in a message against a character table bank, the character table bank comprising a plurality of pre-determined candidate character sets corresponding to a plurality of languages, the method comprising the steps of:

- a) accepting an input [of the characters] of the message, wherein the message comprises one or more characters of the plurality of languages;
- b) evaluating the message by individually comparing each of the characters of the message to the plurality of pre-determined [an entry for each] candidate character sets in the [a] character table bank to determine a match between the plurality of pre-determined [predetermined set of] candidate character sets and the message, wherein the step of comparing each of the characters of the message tests the ability of each of the plurality of pre-determined candidate character sets to express that character by performing a logical mask between a universal code for that character and an indicator in the character table bank indicating whether each of the plurality of pre-determined candidate character sets contains that character; [and]
- c) computing a weighted total number of characters matched to each of the plurality of pre-determined candidate character sets by applying a weighting factor to the total number of characters matched; and

d) selecting a best match between the message and the plurality of pre-determined candidate character sets by identifying the candidate character set corresponding to a pre-determined value for the weighted total number of characters matched.

2. [CANCELLED]

3. [CANCELLED]

4. [CANCELLED]

5. [CANCELLED]

6. [CANCELLED]

7. [CANCELLED]

8. (***TWICE AMENDED***) A system for evaluating characters in a message against a character table bank, the character table bank comprising one or more pre-determined candidate character sets of plurality of languages, the system comprising:

an input interface to accept an input [of the characters] of the message, wherein the message comprises one or more characters of the plurality of languages; and

a processor unit, connected to the input interface, the processor unit evaluating the message by individually comparing each of the characters of the message to the plurality of pre-determined [an entry for each] candidate

15. **(TWICE AMENDED)** A system for evaluating characters in a message against a character table bank, the character table bank comprising one or more pre-determined candidate character sets of plurality of languages, the system comprising:

input interface means to accept an input [of the characters] of the message, wherein the message comprises one or more characters of the plurality of languages; and

processor means, connected to the input interface means, the processor means evaluating the message by individually comparing each of the characters of the message to the plurality of pre-determined [an entry for each] candidate character sets in the [a] character table bank to determine a match between the plurality of pre-determined [predetermined set of] candidate character sets and the message, computing a weighted total number of characters matched to each of the plurality of pre-determined candidate character sets by applying a weighting factor to the total number of characters matched, and selecting a best match between the message and the plurality of pre-determined candidate character sets by identifying the candidate character set corresponding to a pre-determined value for the weighted total number of characters matched [and selecting a best match between the message and candidate character sets], wherein the processor unit comparing each of the characters of the message tests the ability of each of the plurality of pre-determined candidate character

sets to express that character by performing a logical mask between a universal code for that character and an indicator in the character table bank indicating whether each of the plurality of pre-determined candidate character sets contains that character.

16. [CANCELLED]

17. [CANCELLED]

18. [CANCELLED]

19. [CANCELLED]

20. [CANCELLED]

21. [CANCELLED]

22. **(TWICE AMENDED)** A storage medium for storing machine readable code, the machine readable code being executable to evaluate characters in an electronic message to a character table bank, the character table bank comprising one or more pre-determined candidate character sets of plurality of languages, the medium comprising [according to] the steps of:

- a) accepting an input [of the characters] of the message, wherein the message comprises one or more characters of the plurality of languages;
- b) evaluating the message by individually comparing each of the characters of the message to the plurality of pre-determined [an entry for each]

candidate character sets in the [a] character table bank to determine a match between the plurality of pre-determined [predetermined set of] candidate character sets and the message, wherein the step of comparing each of the characters of the message tests the ability of each of the plurality of pre-determined candidate character sets to express that character by performing a logical mask between a universal code for that character and an indicator in the character table bank indicating whether each of the plurality of pre-determined candidate character sets contains that character; [and]

c) computing a weighted total number of characters matched to each of the plurality of pre-determined candidate character sets by applying a weighting factor to the total number of characters matched; and

d) selecting a best match between the message and the plurality of pre-determined candidate character sets by identifying the candidate character set corresponding to a pre-determined value for the weighted total number of characters matched.

23. [cancelled]

24. [cancelled]

25. [cancelled]

26. [cancelled]

27. [cancelled]

28. [cancelled]

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